KEYSTONE
LIGHT MADE EASY™
SINCE 1945

XFIT | FLOOD LIGHT FIXTURES

KT-FLED15-R1A-UNV-8CSB-VDIM
COMPACT 15W GENERAL-PURPOSE LED FLOOD LIGHT

DESCRIPTION
Compact 15W General-Purpose LED Flood Light **I** 120–277V Input **I** 3000–5000K **I** Bronze Housing **I** Multiple Mounting Options

APPLICATION
Building Mount or Ground Mount for outdoor illumination (landscapes, display signage, loading docks, building façades, pathways, parking areas, and other general site lighting requirements)

c(UL)us LISTED · DLC PREMIUM · 5 YEAR WARRANTY · COLOR SELECT

PRODUCT FEATURES
• Uniform, wide flood design (NEMA 7h × 7w distribution pattern)
• Heavy-duty, die cast aluminum housing featuring built-in glare visor and tempered glass lens
• Powered by Keystone 0–10V dimming LED drivers
• Keystone Color Select Technology: Adjustable CCT (3000K, 4000K, or 5000K)
• Built-in dusk-to-dawn photocell behind translucent 3/4" threaded plug with anti-yellowing agent
• Heavy-duty 1/2" knuckle mount with 90º adjustment and yoke mount options included
• Ambient operating temperature: –20ºC/–4ºF to 45ºC/113ºF
• UL listed for wet locations, IP65
• 0–10V dimming, 10% min
• Power Factor: >0.95
• THD: <20%
• LED chip lifetime: L70 >100,000 hrs @ 25ºC/77ºF ambient fixture temp
• Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions

ELECTRICAL SPECIFICATIONS

Catalog Number	Wattage	Lumens	Dimming	CCT*	Efficacy	CRI	Housing Color	Mounting	Input Voltage	Rated Life	Legacy Equivalent
KT-FLED15-R1A-UNV-8CSB-VDIM	15W	1920 lm	0–10V	3000K	128 lm/W	>80	Bronze	Universal: 1/2" Knuckle or yoke	120–277V	50,000 hrs	70W MH
		2175 lm		4000K	145 lm/W						
		2100 lm		5000K	140 lm/W						

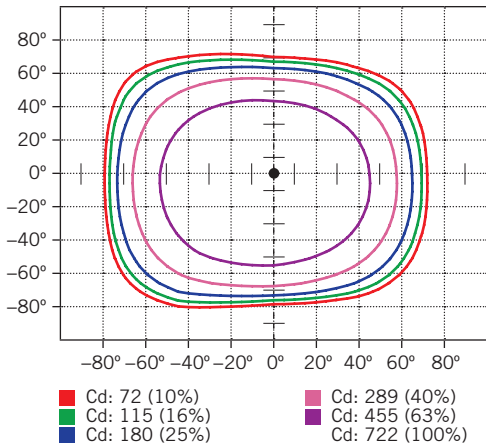** Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017*

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PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT

Cd: 72 (10%)
Cd: 115 (16%)
Cd: 180 (25%)
Cd: 289 (40%)
Cd: 455 (63%)
Cd: 722 (100%)

LUMINOUS INTENSITY DISTRIBUTION
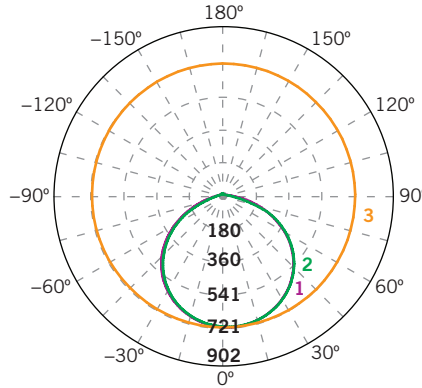
Average diffuse angle (50%): **114.0º**
1 Violet C0–C180
2 Green C90–C270
3 Orange G6
Unit: cd

FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	1,093 lm	53.7%
0º–30º	287 lm	14.1%
30º–60º	585 lm	28.7%
60º–80º	214 lm	10.5%
80º–90º	7 lm	0.4%
Back Light	925 lm	45.5%
0º–30º	277 lm	13.6%
30º–60º	513 lm	25.2%
60º–80º	134 lm	6.6%
80º–90º	2 lm	0.1%
Up Light	16 lm	0.8%
90º–100º	1 lm	0.0%
100º–180º	15 lm	0.7%

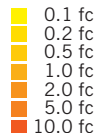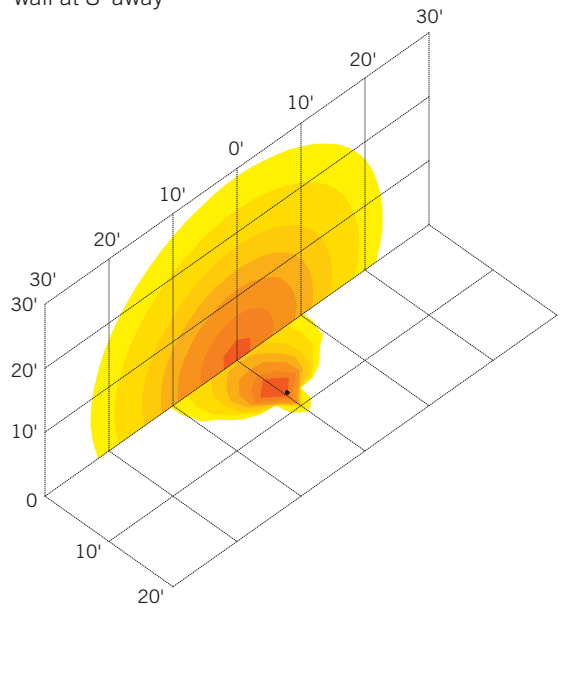| BUG* Rating	
Asymmetrical Luminare Types	
Type I, II, III, IV	B1 U2 G1
Quadrilateral Symmetrical Luminare Types	
Type V, Area Light	B1 U2 G0

* **B**acklight, **U**plight, **G**lare

LIGHT DISTRIBUTION PATTERNS (Isometric view from above)

Building exterior mounted at 10',
30º below horizontal
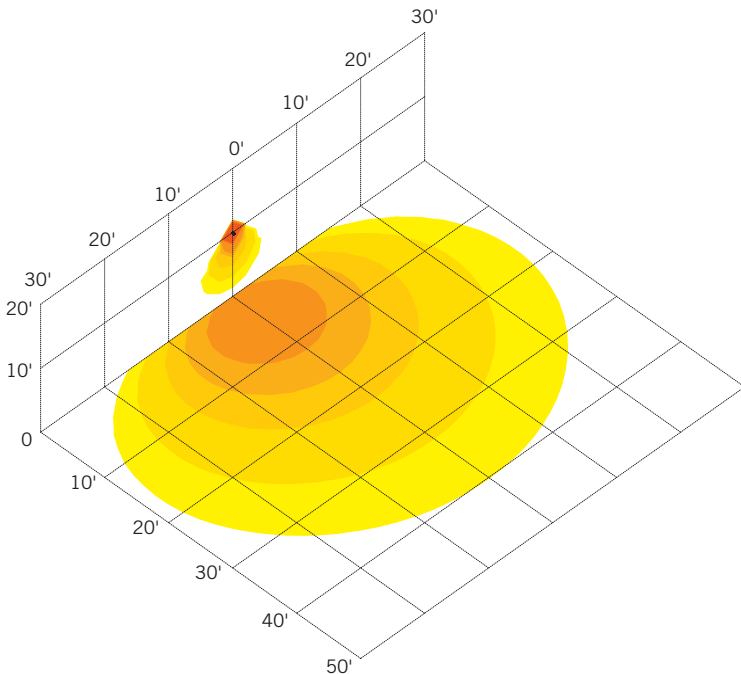
Ground mounted at 6" above ground,
10º above horizontal, shining towards building exterior
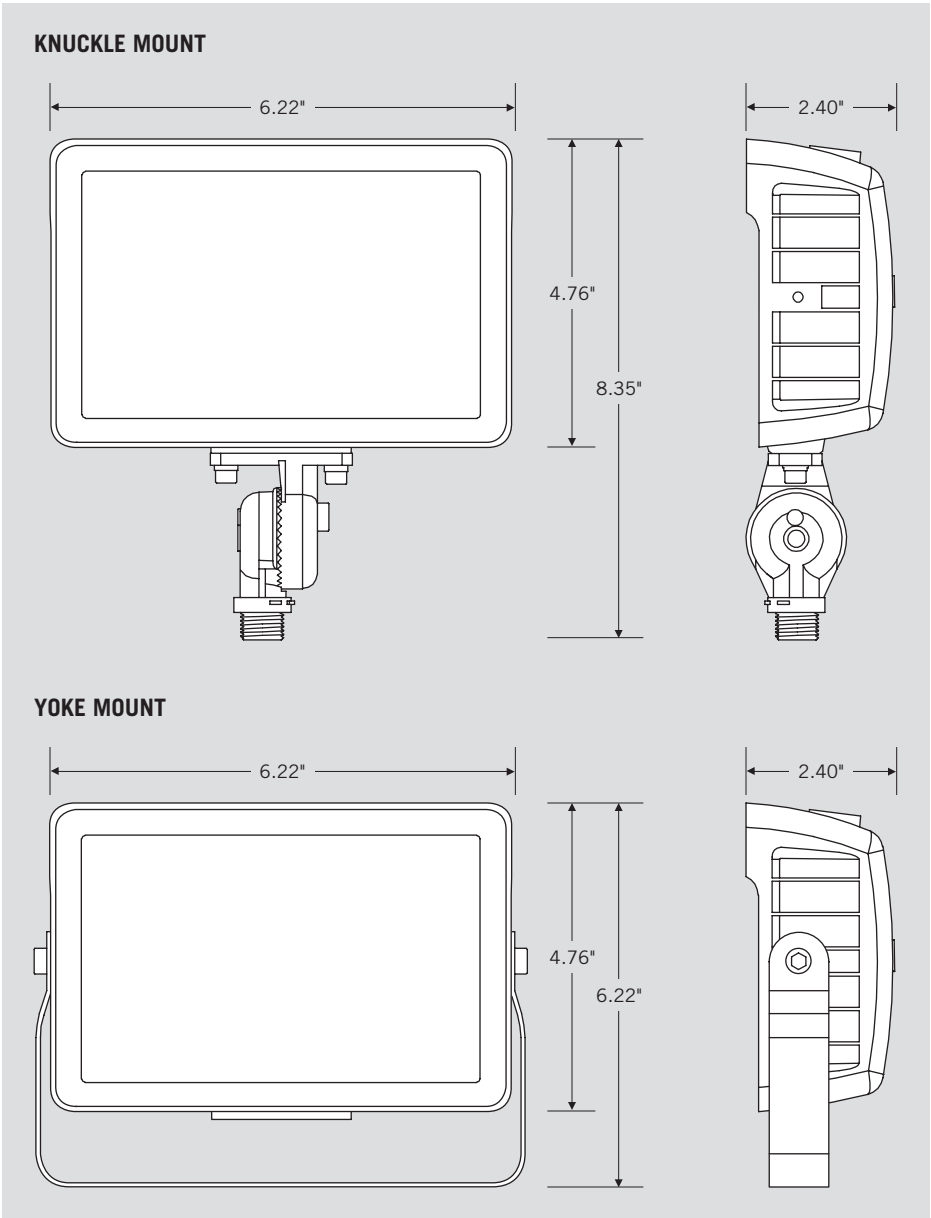wall at 8' away

0.1 fc
0.2 fc
0.5 fc
1.0 fc
2.0 fc
5.0 fc
10.0 fc

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PHYSICAL SPECIFICATIONS

KNUCKLE MOUNT

6.22"   2.40"   4.76"   8.35"

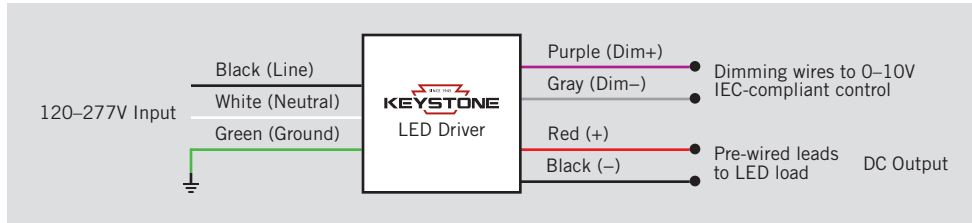**YOKE MOUNT**

6.22"   2.40"   4.76"   6.22"

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GENERAL SETUP INSTRUCTIONS

GENERAL WIRING DIAGRAM

120–277V Input

Black (Line)
White (Neutral)
Green (Ground)

LED Driver

Purple (Dim+)
Gray (Dim–)

Dimming wires to 0–10V IEC-compliant control

Red (+)
Black (–)

Pre-wired leads to LED load

DC Output

Caution: Before installing, make certain that AC power to the fixture is off.

Caution: The electrical rating of this product is 120–277V. Installer must confirm that there is 120–277V at the fixture before installation.

PHOTOCELL ENABLE/DISABLE

This fixture is equipped with a dusk-to-dawn photocell behind the translucent knock-out (KO) cover. Adjust the dip switch to enable (ON) or disable (OFF) the photocell function (see illustrations to the right). Fixture comes preset with photocell enabled unless otherwise noted.

COLOR SELECT (CCT) ADJUSTMENT

This fixture is equipped with Color Select technology. There is an adjustable dip switch behind the translucent knock-out (KO) cover to change CCT between 5000K, 4000K, and 3000K (see illustrations to the right). Fixture comes preset at 5000K unless otherwise noted.

Photocell Enable/Disable

Color Select (CCT) Adjustment
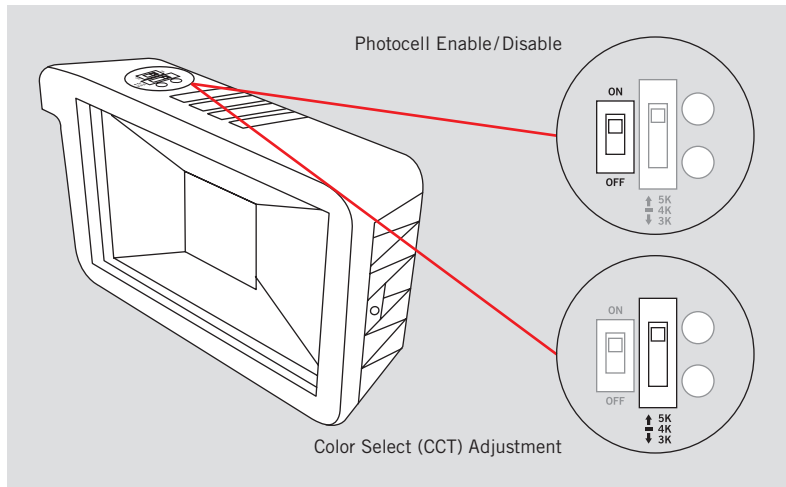
ACCESSORIES (SOLD SEPARATELY)

Catalog Number	Description
KT-FLED-SM-1-KIT	Flood Light Wall Mount Kit
KT-FLED-RC-4-W	4" Round Flood Light Junction Box Cover, White
KT-FLED-RC-4	4" Round Flood Light Junction Box Cover, Bronze

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ORDERING INFORMATION

CATALOG NUMBER	PACK QTY.	EASY CODE	UPC
KT-FLED15-R1A-UNV-8CSB-VDIM	1	KHS-31	843654128948

CATALOG NUMBER BREAKDOWN

KT-FLED15-R1A-UNV-8CSB-VDIM /XXX

1 2 3 4 5 6 7 8 9 10 11 12 13 14

1 Keystone Technologies
2 Fixture Type
3 LED Lamp
4 Max Wattage
5 Shape
6 Style
7 Distribution
8 Mounting
9 CRI
10 Color
11 Color Select Designation
12 Dimming
13 Housing Color
14 Sensor Options

2 Fixture Type

F	Flood
WP	Wallpack

5 Shape

R	Rectangular
C	Circular

6 Style

1	Non-Cutoff
2	Full-Cutoff

7 Distribution

A	Wide (7 × 7)
B	Narrow
C	TBD Very Narrow

8 Mounting

UNV	Universal
SF	Slip Fitter
KNL	1/2" Knuckle

9 CRI

8	>80
9	>90

10 Color

40	4000K
50	5000K
CS	Color Select

11 Color Select Designation

A	3500K, 4000K, 5000K
B	3000K, 4000K, 5000K
C	3000K, 3500K, 4000K, 5000K
D	TBD

12 Dimming

VDIM	0–10V

13 Housing Color

	Bronze
B	Black
W	White

14 Sensor Options

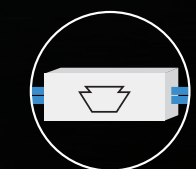| /XXX	No option
/PIR	Occupancy sensor included

XFIT | FLOOD LIGHT FIXTURES

Powerful, efficient LED lighting with incredible versatility.

COLOR SELECT TECHNOLOGY

ADJUSTABLE: 3000K - 4000K - 5000K

BUILT-IN DUSK TO DAWN PHOTOCELL

OPERATES ONLY WHEN DARKNESS IS DETECTED FOR INCREASED CONTROL AND ENERGY EFFICIENCY

BUILT-IN 120-277V KEYSTONE LED DRIVER

PROVIDES 0-10V DIMMING & AMPLE SURGE PROTECTION FOR INCREASED VERSATILITY AND RELIABILITY

CONSOLIDATE SKUS WITH INTERCHANGEABLE MOUNTING OPTIONS INCLUDED

YOKE & KNUCKLE MOUNT INCLUDED FOR 15W, 35W, & 60W; SLIPFITTER & TRUNNION MOUNT INCLUDED FOR 75W & 100W ENSURES UNIVERSAL FIT

DLC PREMIUM

>80 CRI

100,000 HOUR LED LIFETIME

IP65 RATED

5YEAR WARRANTY

Two mounting options included with every fixture

XFiT FLOOD LIGHT FIXTURES

15W WITH JUNCTION BOX COVER INSTALLED

Light Spread

| 1 fc | 2 fc |

15W Flood Light:
Ground Mount at 6" above horizontal; 8' from wall

- 0.1fc
- 0.2fc
- 0.5fc
- 1fc
- 2fc
- 5fc
- 10fc
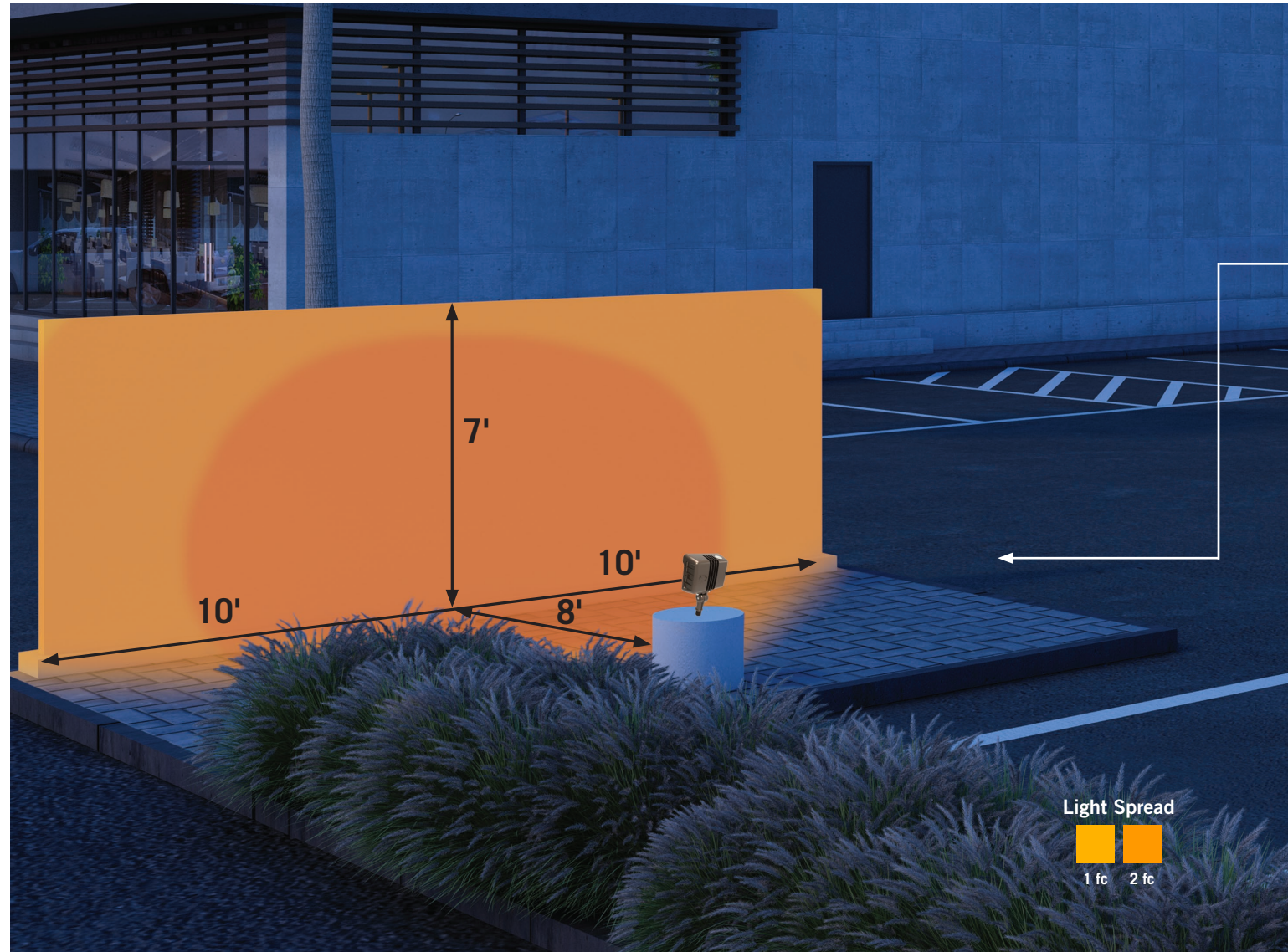
FEATURES AND BENEFITS

- Ensures easy installation with included mounting hardware

- Reduces SKUs with selectable color temperature and two mounting brackets

- Protected from the elements and sprinkler systems with an IP65 rating

- Adds energy savings with 0-10V dimming

- 7'x7' NEMA beam spread

- Ensures proper heat sinking with sturdy and aesthetic design

- Available in two housing options: Bronze & White. White available in 15W, 35W & 60W

- Designed with two dip switches (for photocell and color temperature adjustment) protected by a translucent plug

YOKE MOUNT, SHOWN IN BRONZE

SHOWN IN WHITE
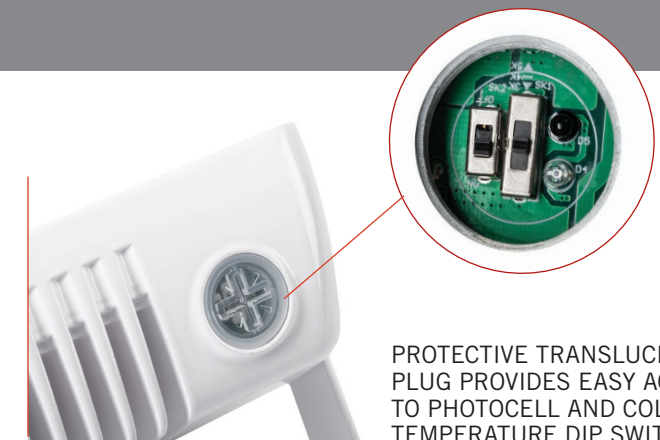
PROTECTIVE TRANSLUCENT PLUG PROVIDES EASY ACCESS TO PHOTOCELL AND COLOR TEMPERATURE DIP SWITCHES